

Title (en)  
METHOD AND DEVICE FOR PREDICTING CHROMA BLOCKS

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR VORHERSAGE VON CHROMA-BLÖCKEN

Title (fr)  
PROCÉDÉ ET DISPOSITIF DE PRÉDICTION DE BLOCS DE CHROMINANCE

Publication  
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Application  
**EP 19858604 A 20190905**

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Abstract (en)  
[origin: EP3820152A1] The present invention provides a chroma block prediction method and a device. The method includes: parsing a bitstream to obtain first indication information, where the first indication information is used to indicate a filter type; downsampling a first luma block by using a filter corresponding to the filter type, to obtain a second luma block, where the first luma block is a luma block corresponding to a current chroma block; obtaining a template chroma sample and a template luma sample, where the template chroma sample includes a plurality of neighboring chroma samples of the current chroma block, and the template luma sample is obtained by performing a downsampling operation on a plurality of neighboring luma samples of the first luma block; obtaining linear model coefficients based on the template chroma sample and the template luma sample; and obtaining a prediction value of the current chroma block based on the second luma block and the linear model coefficients.

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Citation (search report)  
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• See also references of WO 2020048507A1

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